UNITED STATES BROWNS MOUNTAIN QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-ROSEBUD CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4774 IV NW (BIRNEY DAY SCHOOL) 106°30′ 45°22′30″ 106°22′30″ 45°22′30″ R.42 E. R.43 E. 27'30" **OPEN-FILE REPORT** 25 This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature 26 29 28 27 25 30 OPEN FILE REPORT 78-039 PLATE 4 OF 69 35 34 31 32 33 36 T. 5 S. T. 5 S. EXPLANATION T. 6 S. 3 ISOPACHS OF THE COAL BED--Showing thickness, in feet. Dashed where projected beyond boundary of Reserve Base coal. Isopach interval 1 foot (0.3 m). Not shown where coal is thinner than 5 feet (1.5 m). BOUNDARY OF RESERVE BASE COAL--Drawn along the outcrop of coal bed or the contact between burned and 12 11 unburned coal where the coal 10 bed is 5 feet (1.5 m) or more thick. Arrows point toward area of Reserve Base coal. Number is thickness, in feet, of coal bed at triangle. Plus (+) sign after number indicates incomplete measurement. To convert feet to meters, multiply feet by 0.3. 18 17 15 14 13 19 20 21 22 23 24 17'30" 27 26 25 33 34 32 T 6 S. T. 7 S. 45°15′ 106°30′ 27'30" 106°22′30″ R. 43 E. R. 44 E. Base from U.S. Geological Survey, 1966 SCALE 1:24 000 Compiled in 1977 MONTANA UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE AND COAL DEVELOPMENT POTENTIAL MAPS OF THE BROWNS MOUNTAIN QUADRANGLE, ROSEBUD COUNTY, MONTANA
BY

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